



### ***Leaf Classification***

Students make a collection of leaves and then discover how a hierarchical classification system is developed by sorting and organizing their leaves according to a set of labels and rules which they specify.

### ***How Accurate Is it? Introducing the Difference/Error Matrix***

Students learn how to evaluate the accuracy of a classification scheme.

### ***What's the Difference?***

Students learn how to evaluate the accuracy of a classification scheme.

### ***Odyssey of the Eyes***

These beginning, intermediate and advanced level activities will introduce students to modeling as it relates to remote sensing.

### ***Some Like It Hot!***

Students will learn about remote sensing, false-colored images and image resolution. This activity is divided into beginning, intermediate and advanced levels.

### ***Discovery Area***

This intermediate level activity will help students refine their understanding of remote sensing and mapping.

### ***Site Seeing***

Beginning and intermediate level activities introduce students to the concept of dynamic systems.

### ***Seasonal Changes in Your Biology Study Site(s)***

Students investigate seasonal changes by collecting data on spring bud-break and fall leaf senescence.